

Product Data Sheet

APC anti-mouse DLL4

Catalog # / Size: 130813 / 25 µg
130814 / 100 µg

Clone: HMD4-1

Isotype: Armenian Hamster IgG

Immunogen: CHO cells expressing murine DLL4.

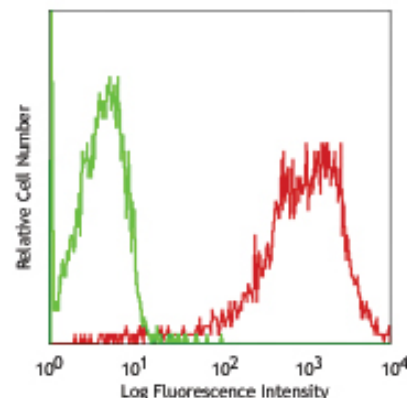
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Mouse *Dll4* transfected cells stained with HMD4-1 APC

Applications:

Applications: FC Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Moriyama Y, *et al.* 2008. *Int. Immunol.* 20:763.

Description: The Notch receptors and their ligands are highly conserved from invertebrates to mammals. Delta-like 4 (DLL4) is one of four or five Notch ligands identified. The binding to Notch receptor results in the proteolysis of Notch and movement of intracellular portions of Notch into the nucleus. This translocation triggers a series of signaling processes. DLL4 is reported to be essential for the regulation of angiogenesis. In thymus, DLL4 is an essential Notch1 ligand responsible for T cell lineage commitment.

Antigen References: 1. Ehebauer MT, *et al.* 2006. *Biochem J.* 392:13.
2. Shimizu K, *et al.* 2000. *Mol Cell Biol.* 20:6913.
3. Hellstrom M, *et al.* 2007. *Nature* 445:776.
4. Suchting S, *et al.* 2007. *P. Natl. Acad. Sci. USA* 104:3225.

Related Products:	Product	Clone	Application
	APC Armenian Hamster IgG Isotype Ctrl	HTK888	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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